MONTHLY BULLETIN

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.
LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1924.

J. A. BROWN, DIRECTOR.

AMERICAN PRESS, BEIRUT, SYRIA.

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Weather Bureau

SEPTEMBER, 1924.

METEOROLOGICAL REGISTER

Date	Barometer reduced to O°C· Sea level and 45° Latitude				Thermometer Cent. (Corrected)			Bright Sunshine hrs.	Rain m.m.
	8:30	2:30	8:30	Mean	Max.	Min.	Min on Grass		
1	756.8	756.5	756.9	756.7	31.8	23.8		9.0	
2	7.0	7.0	8.0	7.3	29.8	23.0		9.5	
3	9.1	8.4	60.7	9.4	29.6	22.2		9 5	
4	6 2	6.2	57.3	6 6	29.8	23 2		9.4	
5	6.4	6.2	6.8	6.5	30.4	22 9		9.7	
6	6.0	5.1	6.1	5.7	31.1	23.0		9 4	
7	6.4	6 5	7.4	6 8	31.0	23.6		9.8	
8	7.6	7.0	7.1	7.2	30.4	22.9		9.8	
9	6.5	5.3	5.5	5.8	31.0	22.9		9.8	
10	5.3	5.3	6.6	5.7	30.8	23.2		9.7	
11	7.5	7 8	8.6	8.0	30.5	22.9		9.7	
12	8.7	8 0	8.4	8.4	31.5	24.8		9.4	
13	7.6	7.5	7.7	7.6	31.8	24.2		9 8	
14	7.4	6.8	6.7	7.0	31.1	25.3		9.8	
15	7.0	6.3	7.4	6 9	30.7	24 3		9.8	
16	7.0	6.4	7.4	6.9	30.0	22.8		9.2	
17	8 0	7 4	8.0	7.8	29.6	22.8		9.8	
18	8.8	8.2	60 4	9.1	30.5	23.8		3.6	
19	9.7	8.8	59 2	9.2	30.6	24.6		5.1	
20	9.4	8.1	8.6	8.7	31.1	25.8		4.7	
21	9.2	9.1	9.9	9.4	29.2	26 3		1.0	
22	60.4	9.4	60.5	60.1	30.0	23.4		8.7	
23	1.4	61.2	1.9	1.5	29.6	22.7		9.7	
24	2.1	0.8	0 8	1.2	29.4	23.2		8 4	
25	0 5	58.7	59.1	59 4	29.6	24.1		5.4	
26	59.0	8.3	8 5	8.6	29.7	23.4		8.0	
27	8.4	7.9	9.0	8 4	29.4	22.9		9.3	
28	9.8	9.9	60 2	60.0	29.2	22.9		9.5	
29	61.0	9.7	59.7	0.1	29.2	21.7		9 5	
30	59 7	8.4	8.6	58.9	28.2	21.5		9.5	
	758.33	757.74	758 43	758.16	30.22	23 47		8.5	0.0

BAROMETER

Maximum	762.1	on 24th
Minimum	755.1	on 6th

THERMOMETER

Maximum	31.8	on 1st, 13th
Minimum	21.5	on 30th
Minimum on grass		on

RAINFALL

Maximum mm. on

Number of days with rain thunderstorms fog gale

SEPTEMBER, 1924.

METEOROLOGICAL REGISTER

Date	Dry Bulb Cent. (Corrected)				Wet Bulb Cent. (Corrected)			Elasticity of Vapour m.m.				Relative Moisture per cent.			
	3.30	2.30	8:30	Mean	8:30	2:30	8:30	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Mean
1	26.7	29.6	25.7	27.3	21·3	22 1	20.7	14.8	14.6	14 6	14.7	54	47	59	53
2	27.6	29.2	28 2	28.3	21.0	21.7	20.4	14.0	14.2	12.9	13 7	51	47	45	48
3	27.2	28 9	26.1	27.4	20.0	20.8	21.7	12 8	13 0	16.1	14.0	47	44	63	51
4	27.3	29.3	27 6	28.4	21.9	23.2	21.3	15 5	16.5	14 6	15.5	58	54	53	55
5	27.3	29.2	26 0	27 5	23.4	23.9	23.4	18.3	18 0	19 3	18 5	68	59	77	68
6	27.6	30.8	26.9	28 4	23 9	25.4	23.4	18.9	19 7	18 5	19.0	70	58	69	66
7	28.2	30.6	25.4	28.1	24 2	25.9	23 8	19.2	20.9	20.5	20.2	67	64	84	72
8	27.7	29 3	25.8	27.6	24.2	24.8	22.9	19.6	19 5	18 5	19.2	70	64	74	69
9	27.8	30 4	26 1	28.1	24.2	25.2	24.2	19.4	19.5	20.9	19.9	70	60	83	71
10	28 0	30.2	25 5	27.9	24.0	24.9	23.6	18.8	19.0	19 9	19 2	67	59	86	71
11	27.2	29 9	26.8	28.0	24 1	24 9	23.4	19 7	19.4	18.6	19 2	74	62	70	69
12	28 7	29 7	28.0	28.8	23 8	26.1	25.2	18.0	21 9	21 4	20 4	61	70	76	69
13	28.9	30 2	27 4	28.8	24.6	24 9	24 0	19.4	19.2	19.3	19 3	65	60	71	65
14	28.9	30.6	27.4	29.0	25 0	26.6	24.7	20 2	22.2	20 9	21.1	68	68	77	71
15	27.8	30.1	25 7	27 9	24.6	25 2	24 2	19.4	19 8	18.6	19.3	65	61	86	71
16	27.4	29.4	27.3	28 0	24 4	24.6	25.7	20 2	18.6	22 9	20.6	74	62	85	74
17	26.8	28.9	25.1	26.9	22 7	23 8	22.7	17.3	17.9	18 5	17.9	66	60	77	68
18	26.9	30.3	25 6	27 6	23 2	24 4	23 0	18.1	18.1	18 8	18.3	68	56	77	67
19	27.8	28.7	27.2	27 9	23 8	24 8	23.9	18 7	20.0	19.4	19 4	68	68	72	69
20	28 5	30.4	27.7	28.9	24 9	25.2	24 2	20.2	19.6	19.6	19 8	70	60	71	67
21	27.1	28.6	27.6	27.8	22 9	22 7	20.7	17.6	16.2	13.6	15 8	66	55	50	57
22	25.9	29.6	26.0	27 2	22.8	23.3	21.3	18 1	16 5	15 4	16 7	73	54	61	63
23	26.8	28.7	24.9	26.8	22 3	22 9	21.7	16.5	16 4	16.7	16.5	62	56	71	63
24	27 2	28.9	26 7	27.6	22 4	24 3	23 9	16.6	18.8	19 8	18 4	62	63	76	67
25	27 5	27.6	25.7	26.9	23 8	23 8	23.1	19 0	19 0	18.8	18 9	70	70	76	72
26	27 2	28.7	27 6	27.8	21.2	23.0	21.2	14 6	16.6	14.2	15.1	54	56	52	54
27	27.2	29 2	27.7	28.0	22.3	23.8	22.3	16.6	17.7	16.0	16.8	63	58	58	60
28	26 4	28.7	25 9	27.0	22.6	23 4	23 1	17.4	17.3	18 7	17 8	68	59	75	67
29	26 8	28.7	25.4	27.0	20.7	23.3	20.8	14.0	17.1	15.1	15 4	53	58	62	58
30	26.1	27.5	25.1	26 2	21 7	22.1	21.5	16.0	15 8	16.4	16.1	63	58	69	63
	27.42	29 31	26.47	27.77	23.06	24.03	22 87	17.63	18.10	17.95	17.88	61.2	59 0	70.2	64 6

Height of Barometer above sea level: 33.7 meters.

„ „ Thermometers above ground:

Dry and wet 1.55 m., Max 1.75 m.; Min. 1·70 m

Height of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.

Gravity Correction — 0.79mm.

Time of readings according to Standard Time of 30th E. Meridian.

SEPTEMBER, 1924.

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	2:30	8:30	Mean	8:30	2:30	8:30	Km.		
1	4	2	2	2.7	1	3	1	244.0	v. slight	
2	2	1	1	1.3	1	3	1	213.5	,,	
3	2	1	1	1.3	1	3	1 nw	198.1	calm	
4	0	1	0	0.3	1nw	2 nw	0	168.3	,,	
5	1	3	0	1.3	3	4	0	145.0	v. slight	
6	1	0	0	0.3	6s	4s	0	277.4	,,	
7	0	1	0	0.3	3	3	0	193.3	calm	
8	0	1	0	0.3	0	2 nw	0	104.0	,,	
9	1	1	0	0.7	4s	3s	1s	205.9	slight	
10	1	2	0	1.0	2	3	0	147 0	calm	
11	0	0	0	0.0	2nw	2n	1n	114.3	,,	
12	0	0	0	0.0	1n	4ne	3ne	249.1	v. slight	
14	0	0	0	0.0	2nw	3ne	0	184.5	calm	
14	0	0	0	0.0	1nw	2nw	0	214.2	,,	
15	1	0	0	0.3	1se	1se	1se	119.4	,,	
16	1	1	0	0.7	1	2	0	80.0	,,	
17	2	1	0	1.0	2	2	0	125.7	,,	
18	7	6	0	4.3	2	2nw	0	85.8	,,	
19	4	8	0	4.0	2ne	2ne	3nw	140 0	,,	
20	8	4	10	7.3	3nw	4n	2n	284.4	v. slight	
21	7	5	1	4.3	2	4	1	165.7	calm	
22	4n	1	3n	2.7	2	4	2	283.1	slight	
23	2	0	0	0.7	2	2w	0	233.5	calm	
24	3	3	4n	3.3	1e	4ne	4ne	226.9	v. slight	
25	3	7n	4n	4.7	1nw	2nw	0	192.6	calm	
26	1n	1	1	1.0	1nw	4	2	185.6	v. slight	
27	2	0	0	0.7	2	3	1	185.0	,,	
28	0	0	0	0 0	1	1w	0	138.6	calm	
29	0	0	0	0.0	1ne	2ne	1ne	104 5	,,	
30	1	1	0	0 7	1w	2w	0	122.8	,,	
				2.5				177.74		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	1	2	1	1	2	14	1	7	1
2:30	2	5	0	1	2	12	3	5	0
8:30	2	3	0	1	1	6	0	2	15
Totals	5	10	1	3	5	32	4	14	16

N. B.—Cloud numbers without letters are all cu.
Wind ,, ,, ,, ,, ,, sw.